Table 3.4.3 B: Fishing Sinkers – Bismuth			
	Technical/ Performance Parameter	**Measure/Metric**	**Source of Information**
	Component/End-product		
	Key physical characteristics	Density: The density of bismuth is approximately 9.8 g/cm^3 vs. 11.34 g/cm^3 for lead, which means that, for a given sinker size (mass), a bismuth sinker will be 16% larger volume than a lead sinker. (MatWeb) Melting Point: At 520° F, the melting point of bismuth is lower than the 622° F melting point of lead. (MatWeb) Malleability: Bismuth alloys are relatively malleable, similar to lead. (MII) Brittleness: Bismuth is relatively brittle for a metal. (MII) Corrosion resistance: Bismuth does not corrode in the atmosphere unless attacked by strong acids. (MII) Hardness: Bismuth, Brinell: 7 Lead, Brinell: 4.2 Lead, Vickers: 5 (MatWeb)	MatWeb, 2006 MII, 2006